

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Rohrbaugh et al.

Serial No.: 10/728,733

Filed: December 5, 2003

For: STEERABLE, INTERMITTENTLY
OPERABLE ROCKET PROPULSION
SYSTEM

Confirmation No.: 1717

Examiner: E. Gartenberg

Group Art Unit: 3746

Attorney Docket No.: 2507-6021US

DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Eric M. Rohrbaugh, hereby declare as follows:

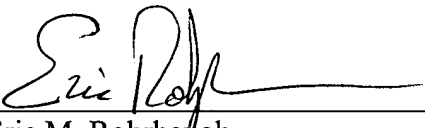
1. I am over twenty-one years of age and competent to give sworn testimony.
2. Jeffrey M. White and I are joint inventors of the invention entitled "Steerable, Intermittently Operable Rocket Propulsion System", an application for U.S. Letters Patent for which was filed December 5, 2003 and assigned Application Serial No. 10/728,733. The interest in the improvements disclosed in Application Serial No. 10/728,733 has been assigned to Alliant Techsystems Inc. Jeffrey M. White and I are the only inventors of the subject matter claimed in Application Serial No. 10/728,733.
3. I am familiar with the publication "Advanced Carbon Fiber Reinforced Silicon Carbide Technology for SM3 Divert and Attitude Control Systems" presented by Fiber Materials,

Inc. (hereinafter "the Fiber Materials document") I am further informed and believe that the Fiber Materials document was published on the World Wide Web on May 1, 2003.

4. The invention described and claimed in the '733 application was conceived by myself and my co-applicant, Eric M. Rohrbaugh in the United States before May 1, 2003, the publication date of the Fiber Materials document. Attached hereto as Exhibit 1 is a copy of Eric Rohrbaugh's Notebook #1, Page 14 which evidences conception of the invention. Except for the fact that the dates on the attached notebook page have been blocked out (which I am informed and believe is permitted by the Manual of Patent Examining Procedure § 715.07), this copy is a true and exact duplicate of the original notebook page.

The blocked out dates for Exhibit 1 are before May 1, 2003.

5. Subsequent to our conception and through the constructive reduction to practice with the filing of the United States Patent Application on December 5, 2003, my co-applicant and I diligently worked in an attempt to reduce various aspects of the subject matter of the claimed invention to practice.
6. As a person signing below, I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Eric M. Rohrbaugh

Date



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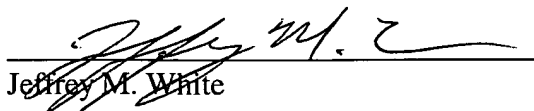
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Jeffrey M. White

11/8/2005
Date